

## **REMARKS**

Claims 1 – 20 were pending in the application. Claims 1-20 have been cancelled. Claims 26-48 have been added. Claims 26-48 accordingly remain pending in the application.

The Examiner objected to the title. Applicant has accordingly provided a new title.

Claims 6 and 16 stood rejected under 35 U.S.C. 101. Claims 1 – 20 likewise stood rejected under the judicially created doctrine of double patenting. Claims 1 – 20 have been cancelled. These rejections are accordingly believed moot.

Claims 1, 3 – 5, 11, and 13 – 15 stood rejected under 35 U.S.C. 102(b) as being anticipated by Horst. While Applicant respectfully traverses this rejection, Claims 1 – 20 have nevertheless been cancelled.

Applicant respectfully submits that added Claims 26 – 48 patentably distinguish over Horst. For example, added Claim 26 recites a cache memory system including, among other features, a cache controller “configured to read a portion of a particular cache line concurrently with writing another portion of the particular cache line.” Added Claim 39 recites a similar feature. Horst does not disclose or suggest this feature.

Added Claim 39 likewise recites a cache memory system including, among other features, a cache controller configured “to read a portion of a first cache line concurrently with writing a portion of a second cache line.” Added Claim 44 recites a similar feature. This feature is also not disclosed or suggested by Horst.

In accordance, independent Claims 26, 33, 39, and 44, along with their respective dependent claims, are believed to patentably distinguish over Horst.

In light of the foregoing amendments and remarks, Applicants submit that all pending claims are now in condition for allowance, and an early notice to that effect is earnestly solicited.

If a phone interview would speed allowance of any pending claims, such is requested at the Examiner's convenience.

The Commissioner is authorized to charge any fees, which may be required, or credit any overpayment, to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 501505\5181-21403.

Respectfully submitted,



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